FREE-STANDING DIRECT VENT FIREPLACE

WARNING: This product must be installed by a licensed plumber or gas fitter when installed in the Commonwealth of Massachusetts.

IMPORTANT: Installation of a CO detector is required in the fireplace room when installed in the Commonwealth of Massachusetts.

WARNING: If the information in these instructions are not followed exactly, a fire or explosion may result, causing property damage, personal injury or loss of life.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

IF YOU SMELL GAS:
- Do not light any appliance.
- Do not touch any electrical switch: do not use any phone in your building.
- Immediately call gas supplier from a neighbors phone. Follow the gas supplier instructions.
- If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

This appliance may be installed in an aftermarket permanently located, manufactured (mobile) home, where not prohibited by local codes.

This appliance is only for use with the type (s) of gas indicated on the rating plate. A conversion kit is supplied with the appliance.

We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

www.kozyheat.com
CONGRATULATIONS!

We welcome you as a new owner of a Kozy Heat gas fireplace. Kozy Heat products are designed with superior components and materials and assembled by trained craftsmen who take pride in their work. The burner and valve assembly are 100% test-fired and the complete fireplace is thoroughly inspected before packaging to ensure that you receive a quality product. Our commitment to quality and customer satisfaction have remained the same for over 30 years. We offer a complete line of gas and wood fireplaces, unique cabinets and stylish accessories to compliment any décor. Adding a fireplace is one of the best ways to increase the value of your home and we are proud to offer a network of dealers throughout the country to help make your experience everything you imagine. We pride ourselves in being dedicated to not only function and reliability, but customer safety as well. We offer our continual support and guidance to help you achieve the maximum benefit and enjoyment from your Kozy Heat gas fireplace.

Jim Hussong                                                            Dudley Hussong
President                                                                 Board Chairman

INTRODUCTION

Read this manual before installing or operating this appliance. Please retain this owner’s manual for future reference.

Homeowner Reference Information

We recommend that you record the following information about your fireplace.

Model Name:______________________________   Date purchased/installed:____________
Serial Number:____________________________   Location on fireplace:_______________
Dealership purchased from:__________________   Dealer Phone:_____________________
Notes:_____________________________________________________________________
__________________________________________________________________________
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Installation and repair should be done only by a qualified service person. The appliance should be inspected by a qualified service person before use. Annual inspection by a qualified service person is required to maintain warranty. More frequent cleaning may be required due to excessive lint from carpeting, bedding materials, etc. It is imperative that control compartments, burners and circulation air passageways of the appliance be kept clean.

If this appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and depth of the appliance.

Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.

Young children should be carefully supervised when they are in the same room as the appliance.

Clothing or other flammable material should not be place on or near the appliance.

Adequate accessibility clearances for servicing and proper operation must be maintained.

This appliance must not share or be connected to a chimney flue serving any other appliance.

Keep area around the appliance clear of combustible materials, gasoline and other flammable vapor and liquids.

The flow of combustion and ventilation air must not be obstructed.

Due to high temperatures the appliance should be located out of traffic and away from furniture and draperies.

The glass front or any part removed for servicing the appliance must be replaced prior to operating the appliance. Work should be done by a qualified service technician.

Clean glass only when cool and only with non-abrasive cleansers.

Do not operate this appliance with the glass/frame assembly removed, cracked or broken. The glass assembly, Part #700-015T, shall only be replaced as a complete unit, as supplied by Hussong Mfg. Co., Inc. Replacement of the glass assembly must only be performed by a licensed or qualified service person. DO NOT SUBSTITUTE MATERIALS.

Do not strike or slam glass assembly.

Any safety screen or guard removed for servicing the appliance must be replaced prior to operating the appliance.

Under no circumstances should any solid fuel (wood, coal, paper or cardboard etc.) be used in this appliance.

Keep burner and control compartment clean.

Do not use this fireplace if any part has been under water. Immediately call a qualified service technician to inspect this appliance and to replace any part of the control system and any gas control which has been under water.
NOTE: The following requirements reference various Massachusetts and national codes not contained in this manual.

For all sidewall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

**INSTALLATION OF CARBON MONOXIDE DETECTORS**

At the time of installation of the side wall horizontally vented gas fueled equipment, the installing plumber or gas-fitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gas-fitter shall observe that a battery operated or hard wired carbon monoxide detector is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors.

In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

**APPROVED CARBON MONOXIDE DETECTORS**

Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

**SIGNAGE**

A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print no less than the one-half inch (1/2”) in size, “GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS”.

**INSPECTION**

The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08 (2) (a) 1 through 4.

**EXEMPTIONS**

The following equipment is exempt from 248 CMR 5.08 (2) (a) 1 through 4: The equipment listed in Chapter 10 entitled “Equipment Not Required To Be Vented” in the most current edition of NFPA 54 as adopted by the Board, and Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

**MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM PROVIDED**

When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

- Detailed instructions for the installation of the venting system design or the venting system components; and
- A complete parts list for the venting system design or venting system.

**MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED**

When the manufacturer of Product Approved side wall horizontally vented gas equipment does not provide the parts for venting the flue gases, but identifies “special venting systems”, the following requirements shall be satisfied by the manufacturer:

- The referenced “special venting systems” instructions shall be included with the appliance or equipment installation instructions and;
- The “special venting systems” shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.
**UNIT SPECIFICATIONS:**

**FIREPLACE DIMENSIONS**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>Height</th>
<th>Width</th>
<th>Depth (at leg base)</th>
<th>Depth (at unit top)</th>
<th>Vent to unit back</th>
<th>Unit top to vent top</th>
</tr>
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<tbody>
<tr>
<td>INCHES</td>
<td>27-3/4</td>
<td>27-1/2</td>
<td>17-1/4</td>
<td>16-1/2</td>
<td>4</td>
<td>2-1/2</td>
</tr>
<tr>
<td>MILLIMETERS</td>
<td>705</td>
<td>699</td>
<td>438</td>
<td>419</td>
<td>102</td>
<td>64</td>
</tr>
</tbody>
</table>

**CLEARANCES:**

The following clearances to combustibles must be maintained:

- Unit* to sidewall: 7"
- Unit* to backwall: 5"
- Unit top to ceiling: 47"
- From flue vent: 1"

*Measurement is from top corner of fireplace.

**NOTE:**

When the unit is installed directly on carpeting, tile, or other combustible materials other than wood flooring, it must be installed on a metal or wood panel extending the full width and depth of the unit.
VENTING GUIDELINES

APPROVED VENTING FOR HORIZONTAL AND VERTICAL TERMINATIONS:

Simpson Dura-Vent
ICC
Selkirk
Security

IMPORTANT: Model #56150 is manufactured with the appropriate adaptor for proper connection to chosen approved venting.

Contact your dealer for the appropriate vent kit and components part numbers required for your specific venting application.

Refer to the vent manufacturer’s installation manual for complete installation instructions. Installation must conform with the venting requirements & restrictions as outlined in this manual.

IMPORTANT: Consult the local and national installation codes to assure that adequate combustion and ventilation air is available.

MINIMUM / MAXIMUM VENTING REQUIREMENTS:

Minimum vertical vent run: 3 ft.
Maximum vertical vent run: 40 ft.
Minimum horizontal vent run: 1 ft.
Maximum horizontal vent run: 21 ft.

NOTE: 1/4" incline per horizontal foot must be maintained.

RESTRICTOR REQUIREMENTS:

Small restrictor: Straight vertical vent runs between 10' - 15'.
Large restrictor: Straight vertical vent runs between 15' - 40'.

ELBOWS:

(2) 90-degree elbows are included within the maximum vent runs. Each additional elbow reduces the maximum horizontal by 5'.

PAGE 6
1. Terminations against vinyl siding must use a vinyl siding protector. Follow instructions included.
2. **DO NOT RECESS TERMINATION KIT INTO OUTSIDE BUILDING MATERIALS** - i.e.: brick, stone, siding, etc.
   If necessary, extend framing so that termination kit will be exposed once building materials are installed.
3. Vent termination must not be located where it will become plugged by snow or other material. The flow of combustion and ventilation air must be not obstructed.

### LOCATION CLEARANCES

A. Above grade, veranda, porch, deck, balcony - 12” (305 mm).
B. Operable window or door - CANADA: 12” (305 mm). US: 9” (229 mm).
C. Permanently closed window* - 12” (305 mm) (recommended to prevent condensation on window).
D. Ventilated soffit* - 24” (610 mm).
E. Unventilated soffit* - 12” (305 mm).
F. Outside corner* - 12” (305 mm).
G. Inside corner* - 12” (305 mm).
H. Meter / Regulator: Not to be installed above a gas meter/regulator assembly within 3 ft. (914 mm) horizontally from the centerline of the regulator.
I. Gas Service regulator vent outlet - 3 ft. (914 mm).
J. Non-mechanical air supply inlet to building or the combustion air inlet to any other appliance. CANADA: 12” (305 mm). US: 9” (229 mm).
K. Mechanical air supply inlet. CANADA: 6 ft. (1.83 m) US: 3 ft. (914 mm) above if within 10 ft. (3.05 m) horizontally. Massachusetts installations: 10 ft. (3.05 m).
L. Above paved side-walk or paved driveway located on public property - 7 ft. (2.13 m).

*Clearance must be in accordance with local installation codes & the requirements of the gas supplier.

**NOTE:** A vent cannot be located directly above a side-walk or paved driveway that is located between two single family dwellings and serves both dwellings.

M. Under veranda, porch, deck, or balcony (must be fully opened on a min. of 2 sides) - 12” (305 mm).
N. Between two horizontal terminations - 12” (305 mm).
O. Between two vertical terminations - 12” (305 mm). Terminations may be the same height.
P. Above furnace exhaust or inlet - 12” (305 mm).

**This gas appliance must not be connected to a chimney serving any other appliance.**
**HORIZONTAL TERMINATIONS**

The minimum horizontal venting configuration is 3 ft. vertical from the top of the fireplace followed by a 90-degree elbow, then 1 ft. horizontal thru exterior wall.

**VERTICAL TERMINATIONS**

Minimum vertical vent run: 3 ft.

Maximum vertical vent run: 40 ft.

**RESTRICTOR REQUIREMENTS:**

Small restrictor: Straight vertical vent runs between 10’ - 15’.

Large restrictor: Straight vertical vent runs between 15’ - 40’.

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<table>
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<th>ROOF PITCH</th>
<th>MINIMUM HEIGHT (FEET)</th>
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<tr>
<td>6 1/2 TO 8:12</td>
<td>1 1/2</td>
</tr>
<tr>
<td>8 3/4 TO 10:12</td>
<td>2</td>
</tr>
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<td>10:12 TO 12:12</td>
<td>2 1/2</td>
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<td>12:12 TO 14:12</td>
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<tr>
<td>14:12 TO 16:12</td>
<td>4</td>
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<tr>
<td>16:12 TO 18:12</td>
<td>5</td>
</tr>
<tr>
<td>18:12 TO 20:12</td>
<td>6</td>
</tr>
<tr>
<td>20:12 TO 21:12</td>
<td>7</td>
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RESTRICTOR USAGE / INSTALLATION

The restrictor plate included in the fireplace components packet can be installed as either a large or small restrictor, depending on your specific venting configuration.

There are several factors which can affect proper draft of the vent system and the burner operation of a fireplace. Installing a restrictor may be necessary to resolve the problem, even though it may not be required under ‘normal conditions’.

IMPORTANT: DO NOT INSTALL IF THE VENTING CONFIGURATION IS AT THE MINIMUM REQUIREMENTS!

Use the small restrictor for straight vertical terminations between 10’ and 15’ and the large restrictor is used for straight vertical terminations between 15’ and 40’.

![Diagram of Large Restrictor and Small Restrictor with instructions](image)

**Important:** Re-install the exhaust baffle after restrictor installation is complete. Do not over tighten the nuts!
OPTIONAL FAN INSTALLATION

INSTALLATION OF THIS FAN SHOULD BE DONE ONLY BY A QUALIFIED INSTALLER

WARNING: MAKE SURE HOUSEHOLD BREAKER IS SHUT OFF PRIOR TO WORKING ON ANY ELECTRICAL LINES.

This optional fan kit includes:
- Right & left fan assemblies - mounted
- Temperature control switch with magnet attached
- Speed Control Box with 8 ft. cord
- Fan cover plate
- (4) Flange nuts
- (4) Phillips head screws (black)

NOTE: We recommend that an electrical outlet be installed near fireplace.

This appliance is equipped with a three-prong (grounding) plug for protection against shock hazard and should be plugged into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from the plug.

1. Locate (4) mounting studs underneath the fireplace (at the back).
2. Slide fan underneath fireplace and lift it up, aligning the (4) mount holes / slots in fan bracket to the mounting studs. Secure with (4) nuts (included).
3. Attach fan cover to back of fireplace by aligning holes in the cover to the holes at the back of fireplace. Secure with remaining (2) screws.
4. Mount the speed control box onto left side of gas valve bracket by aligning slots in the box to the holes in bracket. Secure with (2) black phillips head screws, included.
5. Place temperature control switch (magnet attached) onto the bottom of firebox as close to center as possible.
6. Plug fan cord into receptacle on the speed control box.
7. Plug speed control box cord into a properly grounded three-prong receptacle.
8. Turn speed control counter-clockwise until it ‘clicks’. This is the ‘OFF’ position.
9. Turn speed control ‘ON’ by turning the knob clockwise past the ‘click’ - this is the highest setting.

NOTE: This appliance must be electrically grounded and connected in accordance with local codes, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 Current Edition, or the Canadian electrical Code CSA C22.1.

NOTE: This fan will not operate unless the speed control has been turned ‘ON’ and sufficient heat has been applied to the temperature control switch. The fan will turn ‘ON’ and ‘OFF’ automatically as the fireplace heats and cools. Adjust fan to desired speed while it is running.

TEMPERATURE CONTROL SWITCH POSITION

Before adjusting the temperature control switch, unplug the 3-prong plug on the fan cord from the receptacle. Adjust position of the temperature control switch to a warmer location under the firebox to turn fan ‘ON’ sooner or move it to a cooler location under firebox to turn the fan ‘ON’ later. The fan will turn on when the sensor in the temperature control switch reaches 110° F and will turn “OFF” when the sensor reaches 90° F. After adjustment, plug the 3-prong plug on fan cord into the receptacle.
POSITION THE UNIT

1. Determine the exact position of your fireplace and location where the chimney will exit to the outside. If possible place the fireplace in such a manner that the piping will be placed between two studs so additional framing is not necessary.

   NOTE: A hearth or platform is not required. If a hearth is desired, combustible materials may be used.

MOBILE HOME INSTALLATIONS: THE FIREPLACE MUST BE SECURED TO THE FLOOR OR HEARTH.

HORIZONTAL TERMINATIONS:

Frame a 9" W x 10" H opening for the chimney termination. The top of this opening must be a minimum 75" (A) above the height of the floor or platform the fireplace is setting on. See figure below.

   *IMPORTANT: This minimum measurement is determined by the vertical height and horizontal length of your desired venting application. The measurement is to the TOP of the pipe. Refer to pages 6-9 of this installation manual for requirements and restrictions.

NOTE: Due to high temperatures, this unit should be located out of traffic areas and away from furniture and draperies. Ensure proper clearances are followed as outlined on page 5.

2. Complete chimney installation by following the installation instructions included with the chimney system. Refer to page 8 of this manual for typical horizontal termination diagram.

VERTICAL TERMINATIONS

IMPORTANT:
Straight vertical terminations must use the small restrictor for runs 10' - 15' and the large restrictor for runs between 15' - 40'.

VENT PIPE CLEARANCE:
Minimum clearance from chimney system: 1"

REMOVE GLASS FRAME ASSEMBLY

A. Locate metal bar (glass latching mechanism) below the glass frame.

B. To release glass assembly, pull the latch mechanism knobs out, then immediately down, securing the metal bar onto stops.

C. Pull bottom of the glass assembly out, lifting up and off tabs at the top of firebox.

WARNING: DO NOT OPERATE THIS FIREPLACE WITH THE GLASS REMOVED, CRACKED OR BROKEN. REPLACEMENT OF GLASS ASSEMBLY, #700-015T SHOULD BE DONE BY A LICENSED OR QUALIFIED SERVICE PERSON.

WARNING: DO NOT REMOVE GLASS ASSEMBLY WHEN HOT!
RUN THE GAS LINE.

**CAUTION:** Installation of the gas line must only be done by a qualified person in accordance with local building codes.

### NATURAL GAS ONLY:
- The minimum inlet gas supply pressure: 5.0 inches W.C.
- The maximum inlet gas supply pressure: 10.5 inches W.C.
- Manifold Pressure: 3.5 inches W.C.
- Manifold Pressure (lo setting): 1.7 inches W.C.
- Orifice size (0-2000 ft): 31 Input Rating: 33,000 BTU’s

### LP GAS ONLY:
- The minimum inlet gas supply pressure: 11.0 inches W.C.
- The maximum inlet gas supply pressure: 13.0 inches W.C.
- Manifold Pressure: 10.0 inches W.C.
- Manifold Pressure (lo setting): 5.4 inches W.C.
- Orifice size (0-2000 ft): 50 Input Rating: 31,500 BTU’s

This unit is equipped with a 3/8” flexible gas line connection 18” long.

**NOTE:** The gas line should be run to the point of connection where the manual shut off valve and flexible gas line will connect.

**CAUTION:** See the WARNING label affixed to the flexible gas line for additional installation instructions and warnings.

1. Run the gas line. An accessible shut off valve (included with the unit) must be installed up stream from the regulator.

**IMPORTANT:** DO NOT RUN THE GAS LINE IN A MANNER THAT WOULD OBSTRUCT THE OPERATION OF THE OPTIONAL FAN.

2. This unit is designed to accept either a 3/8” or 1/2” gas line approved for gas appliances. Consult local building codes to properly size the gas supply line leading to a 3/8” reduction.

3. Connect the manual shut off valve to the previous run gas line.

4. Connect the flexible gas line (installed on the millivolt board gas valve) to the manual shut off valve.

**IMPORTANT:**
ALL CONNECTIONS WHETHER FIELD OR FACTORY MADE MUST BE CHECKED FOR LEAKS.

**NOTE:** This appliance and its individual shut off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi.

**NOTE:** This appliance must be isolated from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of the gas supply piping systems at test pressures equal to or less than 1/2 psi.

Pressure check taps for both the manifold (outgoing) and inlet (incoming) pressures are located in front of the gas valve. Follow instructions on page 18 for checking these pressures.
MILLIVOLT BOARD REMOVAL:

NOTE: This unit is equipped with the millivolt board system already installed. Follow these procedures should it need replacing or is removed for servicing.

CAUTION: If the burner and/or pilot has been burning, the logs will be warm and will continue to hold heat. Use appropriate protection when handling the logs or any component on the millivolt board to avoid personal injury or burns. Place them on a protected surface upon removal to avoid damage to flooring or personal property.

1. Turn valve control knob to the ‘OFF’ position.
2. Shut off the gas supply at the manual shut off valve.
3. Disconnect the flexible gas line from the manual shut off valve.
4. Disconnect on/off rocker switch wires from the top & bottom terminals on the valve.
5. Disconnect any remote control, wall switch or thermostat wires from the valve.
6. Remove the arched glass assembly. See page 11 for instructions.
7. Remove log set and set aside where they will not be broken.
8. Remove burner cover by lifting the front of cover up, then carefully slide the burner tube off the orifice. Remove from firebox.
9. Remove the (6) 1/4” nuts securing board. Carefully lift board up off the (6) mounting studs. Remove board from unit.

MILLIVOLT BOARD INSTALLATION:

NOTE: The millivolt board is fitted with a gasket to seal the board. Make certain this gasket is properly placed around the opening before installing the millivolt board.

1. Place the board into the unit, aligning the (6) 1/4” holes to the (6) mounting studs.

CAUTION: BEFORE SECURING BOARD INTO PLACE, ENSURE THAT ALL WIRES (ATTACHED UNDER BOARD) ARE CLEAR AND UNOBSSTRUCTED.

2. Attach and tighten the 1/4” nuts (included with the board assembly).
3. Place burner cover assembly onto the board, properly seating the burner tube over the orifice. The burner cover should be ‘inside’ the flanges on the board. Check that the burner tube is properly seated over the burner orifice.
4. Connect the flexible gas line to the manual shut off valve.
5. Reconnect any remote control, wall switch or thermostat wires onto the top & bottom terminals on the gas valve.
6. Reconnect the on/off rocker switch wires if a remote control, wall switch, or thermostat is not being use.
7. Re-install the logs. Refer to page 14.
8. Re-install the glass assembly. Refer to page 11.
9. Verify proper operation of unit and log position.

IMPORTANT: CHECK ALL CONNECTIONS, WHETHER FIELD OR FACTORY MADE FOR LEAKS.
LOG SET INSTALLATION

This log set includes 7 logs & 1 packet rock wool embers. The logs are numbered on the bottom and should be installed in order as described below.

1. Place back log ‘#1’ onto the back of the burner cover aligning the mounting holes in the bottom of the log to the mounting studs in the burner cover.

2. Position base log #2 onto the burner cover, aligning the notches in the bottom of the log to the brackets in the burner cover.

3. Positions base logs #3 & #4 onto the burner cover, aligning the mounting holes in the bottom of the logs to the corresponding mounting studs on the burner cover.

4. Brush rockwool burning embers as desired onto the burner and logs. Place small pieces of rockwool on the burner in front of log #2.

   NOTE: You will not use all the embers included in the packet at this time. Save for future use.

5. Place top logs #5, #6, & #7 over the base logs positioning them into the corresponding notched out sections in the base logs as shown below.
CAUTION: DO NOT CONNECT HIGH VOLTAGE (115V) WIRE TO THE GAS VALVE!

NOTE: INSTALLATION OF THERMOSTAT OR WALL SWITCH SHOULD ONLY BE DONE BY A QUALIFIED INSTALLER.

If desired, a thermostat (wireless style also available), wall switch, or remote control assembly may be used to turn the fireplace ‘OFF’ and ‘ON’. Only ONE of these may be installed. Follow instructions included with each assembly.

OPTIONAL:
Disconnect ON/OFF rocker switch wires from the back of gas valve.

WALL SWITCH / THERMOSTAT:

Run low-voltage (thermostat) wires from terminals on the gas valve to the desired location of wall switch or thermostat.

Attach the appropriate connectors to wall switch / thermostat wires and connect to the top and bottom terminals marked TH / TPTH on the gas valve.

REMOTE CONTROL:

Follow instructions included with the remote control.

IMPORTANT: The insulated cover included with the remote control must be placed over the remote receiver to prevent overheating.

IMPORTANT: If ON/OFF rocker switch wires are not disconnected, the ON/OFF rocker switch on the millivolt board must be in the ‘OFF’ position for proper operation of any of these components.

If rocker switch is ‘ON’, the fireplace burner will operate until it is turned ‘OFF’ by the rocker switch. A wall switch, thermostat, or remote control will not turn the fireplace ‘OFF’ when it has been turned ‘ON’ by the rocker switch.

NOTE: The fireplace must be turned ‘ON’ and ‘OFF’ by the same method. For example: If fireplace is turned ‘ON’ by the remote control, it must be turned ‘OFF’ by the remote control.
COMPLETE THE INSTALLATION

THIS STEP SHOULD ONLY BE DONE BY A QUALIFIED INSTALLER OR SERVICE TECHNICIAN

Perform lighting and shutdown procedures as described on page 17. This should be done prior to replacing the glass so that any necessary adjustments can be made and proper operation verified.

SEASONAL HEAT DUMP:

This fireplace has been manufactured with an adjustable heat dump outlet inside the firebox (at the top). This will allow infinite control over the amount of heat emitted into the living area without affecting the flame.

<table>
<thead>
<tr>
<th>CAUTION: IF THE FIREPLACE HAS BEEN IN OPERATION, ALLOW AMPLE TIME FOR IT TO COOL BEFORE ADJUSTING THE HEAT OUTLET OPENING OR USE THE APPROPRIATE PROTECTION TO PREVENT SERIOUS BURNS.</th>
</tr>
</thead>
</table>

ATTENTION INSTALLER: Please install the fireplace with this heat vent damper in the closed position.

TO ADJUST: Remove the glass assembly, open or close the damper as desired, then replace the glass assembly.

![Heat Outlet Diagrams]

RE-INSTALL GLASS FRAME & CAST IRON DOOR ASSEMBLY

A) Align the slots in the top of the glass assembly over the tabs on the fireplace.
B) Place the glass assembly so it is flush with the front of the fireplace front.
C) Pull the knobs on the latching mechanism first out, then up and release.
D) The glass assembly is now secured.
E) Align mounting brackets on the back side of cast iron door assembly onto the mounting rod at the top of the fireplace and set down into position. The door assembly should set between the side frames.

| WARNING: DO NOT OPERATE THIS FIREPLACE WITH THE GLASS ASSEMBLY REMOVED, CRACKED OR BROKEN. Replacement of the glass assembly #700-15T, should be done by a licensed or qualified service person. |
LIGHTING & SHUTDOWN

NOTE: Prior to lighting, check all fittings for leakage. This is accomplished by applying soapy water on all connections made. If there is any leakage, bubbles will appear at the point of connection. If bubbles occur, tighten the fittings until the bubbles no longer appear.

NOTE: The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of ½ psi.

NOTE: The appliance must be isolated from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of the gas line at test pressures equal to or less than ½ psig (3.5 kPa).

Pressure check taps for the manifold (outgoing) and inlet (incoming) pressures are located in front of the gas valve. The left pressure tap is the manifold pressure and the right pressure tap is the incoming pressure. Follow instructions on page 18 for checking these pressures.

NOTE: Read 1-8 before lighting the unit for the first time. Refer to figures below.

1. Access the gas valve by lifting up the 'Kozy Heat' cover. Push the cover 'in' slightly and it will stay in position.
2. Set the thermostat, if used, to the lowest setting.
3. Turn off all electric power to the appliance.
4. Push in control knob (A) slightly and turn clockwise to the "OFF" position.
   NOTE: Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.
5. Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow the safety information on front cover of this installation manual. If you don't smell gas, go to the next step.
6. Find the pilot - follow metal tube from gas control. The pilot is behind the burner tube.
7. Push the control knob on the gas valve 'in' slightly and turn counterclockwise to "PILOT".
8. Push in the black control knob all the way and hold in. Press the igniter button (B). The pilot will generally light with two or three pushes on the igniter. Hold the knob in for about one (1) minute after the pilot is lit. Release knob and it will pop back out. Pilot should remain lit. If it goes out, repeat steps 4 through 8.
   * If knob does not pop out when released, stop and immediately call your service technician or gas supplier.
   * If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.
9. Push the control knob on the gas valve 'in' slightly and turn counterclockwise to the "ON" position.
10. Turn the burner 'ON' by depressing the on/off switch (C) located on the lower right side of the fireplace to the "ON" position or by setting the thermostat, if used, to desired setting. IMPORTANT: The on/off switch must be in the "OFF" position for proper thermostat, remote control, or wall switch operation.
   NOTE: When the unit is initially lit, condensation will appear on the glass. This is normal in all gas fireplaces and will disappear in one to three minutes.
11. If you wish to turn the burner 'OFF', depress the on/off switch. If a wall switch has been installed, simply turn it off. If a thermostat has been installed, simply adjust temperature setting. NOTE: The pilot will stay lit.
12. To turn off the pilot, push the control knob in and turn to the "OFF" position. DO NOT FORCE.

INITIAL BURN PERIOD

AN ODOR WILL OCCUR DURING THE FIRST FEW HOURS OF BURNING. THIS IS THE PAINT CURING AND SUBSTANCES USED IN THE MANUFACTURING PROCESS. IT IS RECOMMENDED TO LEAVE THE FAN (IF INSTALLED) OFF DURING THIS PERIOD AS THIS WILL SPEED UP THE PAINT CURING PROCESS. **MAKE SURE THE HOMEOWNER IS AWARE OF THIS**

THIS FIREPLACE MAY PRODUCE NOISES AS IT HEATS AND COOLS DUE TO METAL EXPANSION AND CONTRACTION. THIS IS NORMAL AND DOES NOT AFFECT THE PERFORMANCE OR LONGEVITY OF THE FIREPLACE.

NOTE: Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or clothing ignition. Young children should be carefully supervised when they are in the same room as the appliance.

Clothing or other flammable material should not be placed on or near the appliance.

PAGE 17
IMPORTANT NOTICE: Pressure check taps for the manifold (outgoing) and inlet (incoming) pressure have been incorporated into the valve. The pressure tap marked ‘OUT’ measures outgoing pressure and the pressure tap marked ‘IN’ measures incoming pressure. Follow instructions below for proper testing procedures.

NOTE: The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at pressures in excess of ½ psi.

NOTE: The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas line at test pressures equal to or less than ½ psi (3.5 kPa).

**INLET PRESSURE TEST:**

1. Loosen inlet (‘IN’) pressure tap screw (counter-clockwise).
2. Attach manometer using a 5/16” I.D. hose.
3. Light pilot.
4. Turn gas control knob to ‘ON’ (burner should not light). Note manometer reading.
5. Press rocker switch to ‘ON’. Check pressure to ensure that it stays near the maximum inlet pressure.
6. Press rocker switch to ‘OFF’.
7. Turn gas control knob to ‘OFF’.
8. Disconnect hose and tighten screw (clockwise). Screw should be snug, do not over tighten.
9. Relight pilot and turn gas control knob to ‘ON’. Reattach manometer to inlet pressure tap to verify that it is completely sealed. Manometer should read no pressure.

**MANIFOLD PRESSURE TEST:**

1. Light pilot.
2. Loosen manifold (‘OUT’) pressure tap screw (counter-clockwise).
3. Attach manometer to pressure tap using a 5/16” I.D. hose.
4. Turn gas control knob to ‘ON’.
5. Press rocker switch to ‘ON’ and note manometer reading.
6. Press rocker switch to ‘OFF’.
7. Disconnect manometer hose and tighten screw (clockwise). Screw should be snug, do not over tighten.
8. Attach manometer to manifold pressure tap to verify that it is completely sealed. Manometer should read no pressure when the rocker switch is pressed to ‘ON’.

CAUTION: A LOW PRESSURE READING CAN CAUSE DELAYED IGNITION

NOTE: If inlet pressure reading is too high or too low, contact the gas company. Only a qualified gas service technician should adjust the incoming gas pressure.
MAINTENANCE

The appliance is required to be inspected at least once a year by a professional service person.

The compartment below the firebox (behind the lower grill) must be cleaned at least once a year, more frequent cleaning may be required due to excessive lint from carpeting, bedding materials, or other fibrous materials. It is imperative that the burner be cleaned once a year.

Annual cleaning of the burner system is required.

The burner assembly may be removed for easier access. Refer to page 13 in this installation manual for complete instruction on removing & reinstalling the burner assembly.

Visually check for blocked port holes, especially near the pilot. Blocked port holes may cause delayed ignition.

Reinstall the burner assembly following instructions on page 13 of this installation manual.

Visually check pilot light and burner when in operation. The flames should be steady, not lifting or floating.

NOTE: INSTALLATION AND REPAIR SHOULD BE DONE ONLY BY QUALIFIED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND ANNUALLY BY A QUALIFIED SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, BEDDING MATERIALS, ETC. IT IS IMPERATIVE THAT CONTROL COMPARTMENTS, BURNERS AND CIRCULATION AIR PASSAGEWAYS OF THE APPLIANCE BE KEPT CLEAN.

Fan

The fan should be disconnected from electrical current, and cleaned (vacuumed) every six months. The bearings are sealed and require no oiling.

Vented System

Annual examination of the venting system by a qualified agency is required.

If the vent-air intake system is disassembled for any reason, re-install per the instructions provided with the initial installation.

The flow of combustion and ventilation air must not be obstructed.

Important: Any safety screen or guard removed for servicing must be replaced prior to operating the appliance.

Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

Caution: Keep the appliance area clear of combustible materials, such as gasoline and other flammable vapors and liquids.

Millivolt Board System

- Clean glass only when cool and only with non-abrasive cleansers.
- Do not operate this fireplace with the glass/frame assembly removed, cracked or broken.
- The glass assembly, part #700-15T, shall only be replaced as a complete unit, as supplied by Hусsong Mfg. Co., Inc.
- Replacement of the glass & frame assembly, part #700-15T, must only be performed by a licensed or qualified service person. Do not substitute materials.
- Do not strike or slam glass door assembly.
TROUBLESHOOTING

NO SPARK FROM ELECTRODE TO PILOT WHEN PIEZO BUTTON IS TRIGGERED.

A. Check wiring at back of piezo for proper connection.

B. Check wiring at electrode for proper connection.

C. Check position of electrode (1/8” (3 mm) between electrode and pilot). Readjust if necessary.

D. Look for arc below electrode and along electrode wire. Direct metal contact may cause an arc below electrode.

SPARK IGNITOR WILL NOT LIGHT AFTER REPEATED TRIGGERING OF PIEZO BUTTON.

A. No gas or low gas pressure.
   ♦ Check remote shut off valves from fireplace. Usually there is a valve near the main. There may be more than (1) valve between the fireplace and the main.
   ♦ Low gas pressure can be caused by several situations such as a bent line, too narrow diameter pipe, or low line pressure. Consult with plumber or gas supplier.

B. No LP in tank.
   ♦ Check LP (propane) tank. Refill if necessary.

PILOT WILL NOT STAY LIT AFTER CAREFULLY FOLLOWING LIGHTING INSTRUCTIONS.

A. Check that pilot flame impinges on thermocouple. Clean and / or adjust pilot for maximum flame impingement.

B. Ensure the thermocouple connection at gas valve is fully inserted and tight (hand tight plus 1/4 turn).

C. Thermocouple reading below 15 millivolts.
   ♦ Disconnect thermocouple from valve, place one millivolt meter lead wire on the end of the thermocouple and the other millivolt meter lead wire on the thermocouple’s copper wire. Start pilot while holding valve knob in. If the millivolt reading is less than 15 millivolts, replace the thermocouple.

D. Thermopile not generating sufficient millivolts.
   ♦ Pilot flame must be enveloping thermopile. Adjust pilot flame if necessary.
   ♦ Check thermopile wire connections at valve. Tighten if necessary.
   ♦ Check thermopile with millivolt meter. Turn remote / thermostat / wall switch or ON/OFF switch to OFF. Turn valve knob to PILOT position (pilot should remain lit). Take reading at THTP & TP terminals on gas valve. Reading should be 350 millivolts minimum. Replace thermopile if reading falls below specified minimum.
TROUBLESHOOTING

**BURNER WILL NOT LIGHT**

A. Gas control knob not turned to ‘ON’.

B. ‘ON’/‘OFF’ switch not turned on.

C. Remote, wall switch or thermostat not turned ‘ON’.

D. Plugged main burner orifice.

E. Remote, wall switch, thermostat or ‘ON/ OFF’ switch wires defective.
   ♦ Check wires for proper connections. Place jumper wires across terminal at switch. If burner lights, replace defective switch.
   ♦ If switch checks ok, place jumper wires across switch wires on gas valve. If burner lights, wires are faulty or connections are bad.

**FREQUENT PILOT OUTAGES**

A. Pilot shield not installed.

B. Pilot flame too high or too low, causing pilot safety to drop out.
   ♦ Clean and adjust flame for maximum flame impingement on thermopile.

**BURNER WON’T STAY LIT**

A. Thermopile wires loose at valve terminals.
   ♦ Tighten if necessary.

B. Thermopile wires ground out due to pinched wires.
   ♦ Free pinched wires if necessary.

C. Refractory panel placement (if installed).
   ♦ Refractory panels must be tight against firebox walls. It may be necessary to secure panels with high-temp sealant, especially around the intake duct.

MORE TROUBLESHOOTING ON FOLLOWING PAGE
TROUBLESHOOTING

PILOT AND BURNER EXTINGUISH WHILE IN OPERATION

A. No LP (propane) in tank.
   ♦ Check tank and refill if necessary.

B. Glass frame assembly not installed correctly.
   ♦ Refer to page 11 in this manual for proper glass frame assembly installment instructions.

C. Defective thermopile or thermocouple.
   ♦ Check thermopile and thermocouple for proper millivolts.

D. Improper pitch on horizontal vent.
   ♦ 1/4” (6 mm) rise per foot is required on horizontal venting.

E. Inner vent pipe leaking exhaust gases back into firebox.
   ♦ Check for leaks. Repair if necessary.

F. Improper vent cap installation.
   ♦ Check for proper vent cap installation. Maximum downward slope of horizontal vent cap is 1/4” (6 mm). Adjust if necessary.
   ♦ Check vent cap for blockage. Remove debris if necessary.

G. Excessive draft.

GLASS SOOTING

A. Improper log placement.
   ♦ Refer to log placement instructions on page 14 of this installation manual.

B. Improper venturi setting.
   ♦ Venturi may need to be opened slightly to allow more air into the gas mix.

C. Improper pitch on horizontal venting.
   ♦ 1/4” (6 mm) rise per foot is required on horizontal venting.

FLAME BURNS BLUE AND LIFTS OFF BURNER

A. Improper Venturi setting.
   ♦ Venturi may need to be closed slightly.

B. Improper vent cap installation.
   ♦ Check for proper vent cap installation.

C. Blockage or vent system leaks.
# REPLACEMENT PARTS LIST

Replacement parts are available through your local dealer. Contact them for availability and pricing.

## MILLIVOLT BOARD AND PARTS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LKF-770</td>
<td>Millivolt board - Natural Gas</td>
<td>700203</td>
<td>Manual Shut off Valve</td>
</tr>
<tr>
<td>LKF-771</td>
<td>Millivolt board - LP Gas</td>
<td>700213-B</td>
<td>Flexible Gas Line - 18”</td>
</tr>
<tr>
<td>700023</td>
<td>On/Off Rocker Switch</td>
<td>700224</td>
<td>Flexible Gas Line - 24” (Valve to Burner orifice connection)</td>
</tr>
<tr>
<td>700086</td>
<td>Valve - Natural Gas</td>
<td>700231</td>
<td>#31 Burner Orifice - Natural Gas</td>
</tr>
<tr>
<td>700087</td>
<td>Valve - LP Gas</td>
<td>700250</td>
<td>#50 Burner Orifice - LP Gas</td>
</tr>
<tr>
<td>700059</td>
<td>Thermocouple</td>
<td>OCKS31A</td>
<td>Natural Gas Conversion Kit</td>
</tr>
<tr>
<td>700060</td>
<td>Flexible pilot tubing (valve to pilot)</td>
<td>OCKS50A</td>
<td>LP Gas Conversion Kit -</td>
</tr>
<tr>
<td>700003-1</td>
<td>Pilot Assembly - Natural Gas</td>
<td>911035</td>
<td>Burner Tube</td>
</tr>
<tr>
<td>700092</td>
<td>Millivolt Generator</td>
<td>BRK-35</td>
<td>Burner Cover</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BRK-135</td>
<td>Burner cover with tube</td>
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</tbody>
</table>

## GLASS & ARCHED VALANCE

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>70015T</td>
<td>14” x 21” glass with tadpole gasket</td>
</tr>
<tr>
<td>900006</td>
<td>Tadpole Glass Gasket</td>
</tr>
</tbody>
</table>

## LOGS AND REFRACTORY

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRK500</td>
<td>Log set</td>
</tr>
<tr>
<td>LKFG900</td>
<td>3 pc. Refractory Brick Panels</td>
</tr>
<tr>
<td>LKFG900B</td>
<td>Back Refractory Panel</td>
</tr>
<tr>
<td>LKFG900S</td>
<td>Side Refractory Panel (1 pc.)</td>
</tr>
</tbody>
</table>

## RESTRICTOR PLATE

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>900085</td>
<td>Restrictor (convertible)</td>
</tr>
</tbody>
</table>

*Consult your dealer for information on optional accessories available for this fireplace.*

This appliance tested & certified by:
Intertek Testing Services
Middleton, Wisconsin
Model #56150 Lakefield
LKF-04-09-REV-10

Manufactured by:
Hussong Mfg. Co., Inc.
204 Industrial Park Drive
Lakefield, Minnesota 56150
507-662-6641

www.kozyheat.com
KOZY HEAT
LIMITED 10 YEAR WARRANTY
Effective July 01, 2003

This Limited 10 Year Warranty will not become effective until the warranty registration form has been completed and mailed to Hussong Manufacturing Co., Inc., P.O. Box 577, Lakefield, MN 56150. This registration form must be received within 30 days of installation. Failure to do so may result in delayed warranty coverage and submission of proof of purchase will be required.

Hussong Manufacturing Co., Inc. warranties to the original purchaser of this Kozy Heat Fireplace, that it is free of defects in materials and workmanship at the time of manufacture.

Subject to the following conditions & requirements, Hussong Manufacturing Co., Inc. extends the following limited warranty under normal use and service, with respect to the Kozy Heat line of gas burning fireplaces.

LIMITATION OF LIABILITY

To make a claim under this warranty, the purchaser must first contact the dealer/installer from whom the fireplace was purchased.

This limited warranty will be void if the fireplace is not installed by a qualified installer and according to the installation instructions. Use of unauthorized components will make this warranty null and void.

This limited warranty also is void if the fireplace is not operated, at all times, according to the operating instructions furnished.

This warranty is limited to defects in material and workmanship. It does not apply to any product that has been subject to negligence, misapplication, improper installation. Remote control warranties are covered by Ambient Technologies, Inc., and are excluded from this Limited Warranty.

No person is authorized to extend the time of this warranty or to accept on Hussong Manufacturing Co., Inc.’s behalf any additional obligation of liability connected with the unit.

It is expressly agreed and understood that this warranty is Hussong Manufacturing Co., Inc.’s sole obligation and purchaser’s exclusive remedy for defective fireplace equipment. Hussong Manufacturing Co., Inc. shall not be liable for any consequential, incidental or contingent damages whatsoever. The foregoing warranty is exclusive and in lieu of all other expressed warranties. Hussong Manufacturing Co., Inc. shall not be held to implied warranties, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. This warranty replaces all previous warranty policies.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Hussong Manufacturing Co., Inc. reserves the right to make changes at any time, without notice, in design, material, specifications and prices. Hussong Manufacturing Co., Inc. reserves the right to discontinue models and products.

WARRANTY CONDITIONS & REQUIREMENTS:

1. You are the original purchaser. This warranty is not transferable.
2. Installation of the fireplace is performed by a qualified installer.
3. Installation and operation must comply with installation and operation instructions.
4. Paint and glass gaskets are covered for 30 days from date of purchase.
5. Components broken, (including glass panels), during shipping, careless handling of components, or defects resulting from improper installation, misuse of the fireplace and components are not covered under this warranty.
6. This warranty does not cover any part of the fireplace or any components which have been exposed to or submerged under water.
7. Hussong Manufacturing Co., Inc. must be notified by the dealer the fireplace was purchased from or a qualified installer or service technician of the defect.
8. Annual service of the fireplace as required in the installation manual, is performed by a qualified installer/service technician.
   (Copies of such service records may be required to claim a warranty.)
9. All previous warranty/service has been performed by a qualified installer or service technician. (Copies of such service records may be required to claim a warranty.)
LIFETIME WARRANTY

THIS LIFETIME WARRANTY COVERAGE WILL BE EXTENDED AS DESCRIBED BELOW PROVIDED ALL WARRANTY CONDITIONS AND REQUIREMENTS ARE MET AS OUTLINED IN THE 10 YEAR LIMITED WARRANTY POLICY.

LIFETIME WARRANTY COVERAGE

LIFETIME WARRANTY IS EXTENDED AS FOLLOWS: Hussong Manufacturing warrants to the original purchaser that the firebox, heat exchanger, fiber logs, burner tube and glass of this Kozy Heat fireplace will not be defective in material or workmanship under normal use and service for as long as you own this product. If any of these components fail due to defects in material or workmanship under normal use and service, Hussong Manufacturing Co., Inc. will, at its sole discretion, repair or replace the defective component. This LIFETIME WARRANTY does not cover any installation, labor, transportation or other indirect costs arising from defective components.

LIMITATION OF LIABILITY

This Lifetime warranty will be void if the fireplace is not installed by a qualified installer and according to the installation instructions. Use of unauthorized components will make this warranty null and void. This lifetime warranty also is void if the fireplace is not operated, at all times, according to the operating instructions furnished. This warranty is limited to defects in material and workmanship of components specified. It does not apply to any product that has been subject to negligence, misapplication, improper installation.

No person is authorized to extend the time of this Lifetime warranty or to accept on Hussong Manufacturing Co., Inc.'s behalf any additional obligation of liability connected with the unit.

Hussong Manufacturing Co., Inc. may fully discharge all obligations with respect to this Lifetime warranty by refunding the wholesale price of the defective component(s).

It is expressly agreed and understood that this Lifetime warranty is Hussong Manufacturing Co., Inc.'s sole obligation and original purchaser's exclusive remedy for defective fireplace equipment. Hussong Manufacturing Co., Inc. shall not be liable for any consequential, incidental or contingent damages whatsoever other than those incurred by Hussong Manufacturing Co., Inc. to repair or replace the defective component. The foregoing warranty is exclusive and in lieu of all other expressed warranties. Hussong Manufacturing Co., Inc. shall not be held to implied warranties, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. This lifetime warranty replaces all previous lifetime warranty policies.

Hussong Manufacturing Co., Inc. reserves the right to make changes at any time, without notice, in design, material, specifications and prices. Hussong Manufacturing Co., Inc. reserves the right to discontinue models and products.

JUNE 1988

TO ACTIVATE THIS LIFETIME WARRANTY COVERAGE, THIS REGISTRATION CARD MUST BE COMPLETED AND MAILED WITH YOUR COMPLETED 10 YEAR LIMITED WARRANTY FORM WITHIN 30 DAYS OF INSTALLATION.

PURCHASER'S NAME: ___________________________ INSTALLATION DATE: __________
ADDRESS: ____________________________________
______________________________________________
MODEL#: __________ SERIAL #: __________
TELEPHONE #: __________________
INSTALLER NAME: ____________________________
ADDRESS: ____________________________________
TEL #: ___________________

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